



青島潤昌化工有限公司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	Beta-Carotene Pure
CAS No	7235-40-7
Molecular Formula	C₄₀H₅₆
Specification Version	Inhouse standard
Shelf Life	12 months
Package	20kg/Drum

ITEM

Appearance

Identification

-A_{455nm}/A_{340nm}

-A_{455nm}/A_{483nm}

Loss on drying

Residue on ignition

Heavy metals (as Pb)

Arsenic(As)

Melting point

Solubility

Residual solvent

-Toluence

-Ethyl acetate

-Acetone

-Cyclohexane

Assay

Microbial limit

Aerobic bacterial count

Coliforms

Total molds and yeast count

Staphylococcus aureus:

Salmonella

Shigella

SPECIFICATION

Violet-red or red crystal or crystalline powder,

≥1.5

1.14~1.18

≤0.2%

≤0.2%

≤ 0.0005%

≤ 0.0002%

176~182℃

Meet the requirement

≤ 0.089%

≤ 0.5%

≤ 0.5%

≤ 0.388%

96.0~101.0%

≤ 1000 cfu/g

≤ 0.3MPN/g

≤ 100 cfu/g

Not detective/25g

Not detective/25g

Not detective/25g

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

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